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SAPC 14029
COPY 1 OF 3

SYSTEM 3

FIELD CHANGE NOTICE NO. 4

26 February 1957

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SYSTEM 3

FIELD CHANGE NOTICE

ADDITION OF GROUND CONNECTION ON THIRD LOCAL-
OSCILLATOR ASSEMBLY

1. PURPOSE OF FIELD CHANGE NOTICE:

This notice describes the procedure to be used in grounding one end of the shielded lead of the r-f output cable on the third local-oscillator assembly. This modification applies to the third local-oscillator assemblies of receiving sets having serial numbers 1 through 8. The resulting additional grounding of the shielded lead prevents spurious responses caused by voltages induced in the r-f output cable from the reference-oscillator circuit.

2. EQUIPMENT REQUIRED BUT NOT SUPPLIED.

Equipment required to perform the modification includes a soldering iron, solder, long-nose pliers, and a No. 20 tinned-copper jumper lead about 3/4 inches in length.

3. MODIFICATION DATA.

The location of the eyelet containing the shield lead of the r-f output cable is indicated in figure 1. To ground the shielded lead of the cable, proceed as follows:

- a. Locate the eyelet containing the wire which is wrapped around the r-f output-cable shield.

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- b. Inspect the contact between the r-f output-cable shield and the lead which connects it to the eyelet located in step a. If electrical contact is impeded by the nylon covering, solder the lead to the shield so that electrical contact is assured.
- c. Solder a jumper lead between the eyelet located in step a and the plug-in assembly ground plane, as shown in figure 1.

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REVERSE SIDE OF PLUG-IN ASSEMBLY

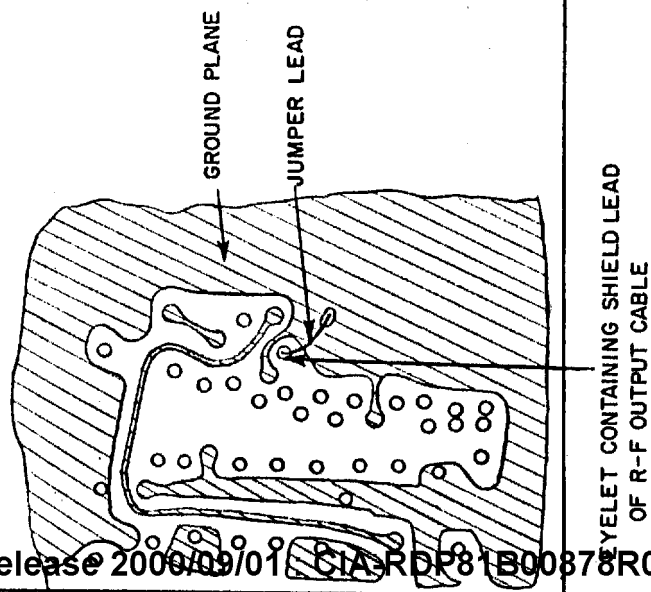


Figure 1. Location of Jumper Lead
Installed During Modification